Bruhat Bangalore Mahanagara Palike

Executive Engineer Yelahanka Division

Name of Work:Development Works at Kempegowda Statue premises in Kempegowda Ward No-01 of Yelahanka Sub division

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
1	Earth work **excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work . Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum.(Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22) & (V-III Page No.3, Item No.1.1 A of PWD SR 2021-22								
	Basic Rate	**186.00**							
	Loading And Unloading	**118.00**							
	Sub Total	**304.00**							
	Area Weightage 10%	**30.40**							
	Total Rate	**334.40**							
		Cum							
	Kempegowda Statue								
	Kempegowda Statue		1	38.00	1.10	1.00	41.80		
	For Granite								
	Kempegowda Statue		1	13.00	5.00	0.40	26.00		
							67.80	**334.40**	**22672.32**
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates** (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22) (Issue Rate on 07-07-22)								
	Basic rate	**5554.00**							
	Area Weightage 10%	**555.40**							
	Total	**6109.40**							
		Cum							
	Kempegowda Statue								
	Kempegowda Statue		1	38.00	1.00	0.15	5.70		
	For Granite								
	Kempegowda Statue		1	13.00	5.00	0.15	9.75		
							15.45	**6109.40**	**94390.23**
3	Providing **Size Stone masonry** with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (V-II, No-5.4, P.No-9 of PWD SR 2021-22) 5352 (I.R)								
	Basic rate	**5422.00**							
	Area Weightage 10%	**542.2**							
	Total	**5964.20**							
		Cum							

Scanned with CamScanner

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	For SSM								
	1st Step								
	Kempegowda Statue		1	38.00	0.75	0.60	17.10		
	2nd Step								
	Kempegowda Statue		1	38.00	0.60	0.60	13.68		
							30.78	**5964.20**	**183578.08**
4	Providing and laying in position **plain cement concrete** for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 20 mm** nominal size graded crushed coarse aggregates (V-I Page No.15, Item No.2.1.4 of PWD SR 2021-22) (Issue Rate on 07-07-22)								
	Basic rate	**5728.00**							
	Area Weightage 10%	**572.80**							
	Total	**6300.80**							
		Cum							
	For Coping Concrete								
	Kempegowda Statue		1	38.00	0.60	0.15	3.42		
	For Kerb								
	Kempegowda Statue								
			1	50.00	0.20	0.10	5.00		
							8.42	**6300.80**	**53,052.74**
5	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with **MS. Hot dip Galvanised grill work** as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)								
	Data Rate	**14606.72**							
		Sqm							
	Vidhanshowdha Grill								
	Kempegowda Statue		1	38.00	2.10		79.80		
	Back Side		1	5.00	0.90		4.50		
							84.30	**14606.72**	**1231346.50**

Scanned with CamScanner

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
6	**Fabricating, providing and erecting in position Hot dip galvanised Gate**. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate)								
	Data Rate	**20036.97**							
		Sqm							
	Vidhanshowdha Grill								
	Kempegowda Statue		1	4.70	2.50		11.75		
							11.75	**20036.97**	**235434.40**
7	8 Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.(V-II Page No.72, Item No.10.18 of PWD SR 2021-22) T.R 8065								
	Basic rate	**3073.00**							
	Area Weightage 10%	**307.30**							
	Total	**3380.30**							
	Kempegowda Statue		1	13.00	5.00		65.00		
							65.00	**3380.30**	**219719.50**
11	Providing and fixing pre cast solid cement concrete **kerb stones** made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges) Data Rate								
	Basic Data Rate	**507.00**							
	For Kerb	Nos							
	Kempegowda Statue								
			1	50.00			50.00		
							50.00		
							111.00	**507.00**	**56,277.00**
12	**Painting two coats** after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III, P.No.56, I.No.8.10 of PW, PWD SR 2021-22)								
	Basic rate	**85.00**							
	Area Weightage 10%	**8.5**							
	Total	**93.50**							
	For Kerb	Sqn							
	Kempegowda Statue								
			1	50.00		0.35	17.50		
							17.50	**93.50**	**1,636.25**
7	**Cost of Haulage Excluding Loading** and Unloading Taking output 10 t load and lead 10 km = 100 t.km(V-III Page No.3, Item No.1.4A of PWD SR 2021-22)								
	Basic rate	**12.00**							
	15 Km Lead=12*15	**180.00**							
	Area Weightage 10%	**18.00**							
	Total	**198.00**							
		t.km							
	Qty frm Item No-1			67.80	1.28		86.78		
							86.78	**198.00**	**17,183.23**

Scanned with CamScanner

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
								Total Construction Cost	2115290.24
								18% GST for Construction Cost	380752.24
								Sub Total	2496042.48
								Utility Shifting,Miscellaneous and Rounding off	3,957.52
								GRAND TOTAL	2500000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2021-2022, issue rates dated 07-07-2022 and Data Rates

Assistant Engineer
Ward No-01
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Sub division
BBMP Bangalore

Executive Engineer,
Chikkapate division
BBMP Bangalore

Administrative Approval
Accorded For 25.00 Lakhs
Head of A/C P.3726
CER NO :38 Dt: 22/8/22

CE (NK)

Technical Sanction
Accorded For 25.00 Lakhs
Head of A/C P.3726
CER NO :65 Dt: 22/8/22

Scanned with CamScanner